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MONTHLY REPORT

1 November to 30 November 1958

Engineering Staff
Materiel Support Branch

I. PROJECTS AND ACTIVITIES

A. MATERIEL SUPPORT BRANCH

1. A new consolidated index has been started which will, within the next month, list all items which have been reclassified since 1954 to the categories of Limited Standard, Obsolete and/or Surplus. Information as to the replacement items will also appear on each index card when appropriate. Such an index has long been a standing requirement and will undoubtedly be used on a large scale. This is another step in making readily available more useful and up-to-date information to all components depending on MSB for technical/supply support. The index, when completed, will be kept up to date on a continuing basis.

2. The first go-around on standardization of electron tubes for use within the Agency was completed after a day-long meeting attended by representatives of TSS/ASD, [REDACTED] and OC-E. The standardization of tubes to be procured, stocked and/or issued became necessary due to the increase in new versions of basic tube types being manufactured and being ordered by using components. As a result of this meeting among representatives of the technical components, 65 types of tubes were found to be duplicated. It is planned that the 5960 (electron tubes) portion of the Supply Catalog will be reprinted in the near future and will contain information as to the tubes selected as standard.

3. The scheduled factory inspection of the new standard GPT-750 (A) transmitter during the month of November has been postponed due to the slight assembly problem brought about by certain modifications and changes requested by OC engineers. The first factory inspection has been rescheduled for mid-January.

4. Arrangements were made with TSS whereby they would procure an estimated



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B. MATERIEL CONTROL SECTION

1. The FY-59 Stock Procurement Program is progressing satisfactorily. Total funds committed during the month of November follow:

- a. For general stock - \$338,249.40
- b. For ELINT stock - \$145,395.86
- c. Commitment of funds for R&D - \$39,692.00
- d. Total funds committed to date for general stock - \$847,493.04; for ELINT stock - \$676,048.27; for R&D - \$308,263.00.

2. Most important requisition for November was MSB 59-227 for teletype equipment valued at \$263,400.00.

3. Total number of MSB requisitions prepared and/or approved during November is 44, representing 148 line items. Of a total of 109 items submitted by OL, 25 required corrective action in the processing of technical editing.

4. Total number of requisitions, other than MSB, processed through MCS amounted to 392, representing 2,400 line items. Ten requisitions (15 items) were ultimately canceled.

5. A total of 149 LCN's were initiated during this reporting period as follows:

- a. 104 each for new stock items
 - b. 2 each for Limited Standard action
 - c. 25 each for Obsolete action
 - d. 18 each for description changes, corrections, etc.
6. The following entries and/or additions were made in MCS files:
- a. 225 new descriptions in the Item Identification File
 - b. 116 new descriptions in the DOD Nomenclature File
 - c. 188 new entries in the Master Cross Index File
 - d. 70 new entries in the "Where Used" File

7. All spare parts received for supporting the VA-5 and 5A transistorized amplifier have been identified and stock numbers assigned. In addition, approximately 90 per cent of the parts for the associated units (CW-1) have also been identified and stock numbers assigned. Publication of an MPL on these items will be held up pending completion of identification of all parts for the CW-1.

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8. A new project, the identification of CK-7 spare parts, has begun. However, due to lack of certain types of information, progress will be slow until the return of the project engineer from the contractor's plant on or about 10 December. Actual delivery of the first 25 CK-7's is expected in January 1959. In this connection, drawings of 110 of the parts used in the assembly of the CK-7 have been received and indexed. Review of these drawings for identification and stock numbering purposes has begun.

9. Approval for the reclassification and disposal of \$269,407.88 worth of obsolete and surplus equipment has been approved by the D/CO. Appropriate correspondence requesting disposal has been forwarded to OL for action.

10. Several discussions which lead to a formal meeting between representatives of OC-E/MSB and OC-SP/EA were held in an attempt to eliminate whenever possible the misuse of special project allocation 22. As a result, general agreement was reached and has been recorded in a Memorandum for the Record, which has been forwarded to all present at the discussion.

11. Recent discussion with Chief, Catalog and Identification Branch, SD/OL has verified the fact that the MPL's for the RS-1 subassemblies are now in the reproduction stages and will be available for distribution to using activities prior to 1 January 1959.

C. TEST AND INSPECTION SECTION

1. The figures below represent the amount of material processed by T&I Sections during the month.

	HQ	BAW	TOTAL
Receiving:			
Orders	454	26	480
Items	1,009	62	1,071
Pieces	17,268	797	18,065
Cargo:			
Vouchers	282	32	314
Items	1,062	68	1,130
Pieces	20,667	822	21,489
Job Orders:			
Orders	11	1	12
Items	11	1	12
Pieces	1,537	1	1,538
PTI's:			
Vouchers	17		17
Items	41		41
Pieces	70		70

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a. Receiving and Cargo work loads are slightly higher this month, and all material has been processed on a routine basis.

b. The Emergency Communications System functioned properly, and all schedules were satisfactory this month.

c. There were several physical changes made in the T&I Shop area to provide larger and more isolated working areas for processing equipments. A general clean-up is under way, and all excess equipments and furniture will be disposed of through channels.

The Warehouse is providing T&I with pallet-type shelving to be located along the outside wall of the Shop area for items requiring longtime storage and PTT repair material received for pending work orders.

d. The power supply kits have been received for establishing a permanent test mock-up for traveling wave tubes.

2. BAW, T&I: One RT-4 transmitter was repaired and placed in stock in C-1 condition. All additional work completed during this period has been routine processing of Receiving and Cargo equipments.

3. Crystal Laboratory: During this month a total of 677 quartz crystal units on 9 requisitions were processed. Production total this month is slightly below average due to increase in percentage of high frequency plated crystals which require more time per unit.

a. Experimental work on new techniques for processing miniature quartz crystals in HC-18/U holders will begin in December.

4. Identification & Purification: Processed for stock were 3,246 pieces of various groups from the Warehouse and Disposal Section. Processed for stock replenishment were 151 items consisting of 9,363 pieces. Of this total there were 10 rejections. Groups 5805, 5975, and 5995 were completed this month, and Group 5815 is being currently worked.

D. FIELD SUPPORT SECTION

1. During November FSS processed 337 requisitions for a total of 2,231 line items. Transactions of particular interest were:

a. 158 line items for [REDACTED] installation.

b. Resuscitators requisitioned for all Areas as part of the Safety program.

c. For [REDACTED] - 4 requisitions for 160 line items - prepared but not submitted - being held pending determination of status of project and of adequacy of equipment.

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Liaison requests were completed during November for the following offices:

- a. OC-E (9 requests total)
 - (1) SEB (2 requests)
 - (2) MSB (4 requests)
 - (3) R&D (3 requests)

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4. [REDACTED] assumed part time duties "understudying" the Technical Liaison Officer in preparation for assuming his duties 1 December 1958 if needed. During this reporting period, some routine requests for liaison were not accepted in order to permit more time for introducing [REDACTED] to principal points of contact in other Government agencies. Such requests were returned with the permission and understanding of the requesting officer involved.

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[REDACTED] indoctrination is essentially complete and just adequate to assume the duties of the Technical Liaison Officer. However, a month's additional time has been granted for this indoctrination period, and [REDACTED] will have more opportunity, under less pressure, to "understudy" this job.

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F. LIBRARY

1. During the period 1 November 1958 through 30 November 1958, the Library received and processed 634 written and/or verbal requests for reference services, technical information, and/or procurement of documents and publications.

2. The Engineering Library in turn submitted:

- 60 requests to OCR/Library for loan of books and documents.
- 4 requests to ASTIA for documents.
- 121 requests to OCR/Book Order for purchase of publications.
- 26 letters to U. S. commercial concerns for technical information.

3. In addition, routine clerical, administrative, and other library duties were performed, such as cataloging and classification of publications, analysis and dissemination of intelligence reports, typing memos, dispatches, reports, requisitions, reproduction requests, etc.

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